



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Representatives Present During the Inspection:

OGM	Pete Hess	Environmental Scientist III
Company	Guy Davis	Environmental Scientist

Inspection Report

Permit Number:	C0150019
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, September 20, 2005
Start Date/Time:	9/20/2005 8:30:00 AM
End Date/Time:	9/20/2005 11:30:00 AM
Last Inspection:	Monday, June 27, 2005

Inspector: Pete Hess, Environmental Scientist III

Weather: Sunny, Clear

InspectionID Report Number: 727

Accepted by: whedberg
9/28/2005

Permittee: **PACIFICORP**
Operator: **ENERGY WEST MINING CO**
Site: **COTTONWOOD/ WILBERG**
Address: **PO BOX 310, HUNTINGTON UT 84528**
County: **EMERY**
Permit Type: **PERMANENT COAL PROGRAM**
Permit Status: **ACTIVE**

Current Acreages

6,886.88	Total Permitted
62.82	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- ☒ Federal
☐ State
☐ County
☒ Fee
☐ Other

Types of Operations

- ☒ Underground
☐ Surface
☐ Loadout
☐ Processing
☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

There are no compliance actions currently pending for the Cottonwood / Wilberg Mine permit area.

The site remains in temporary cessation status.

The Permittee continues to submit surface and ground water monitoring information in an electronic form on a quarterly basis to the Division web site.

Inspector's Signature

Pete Hess, Environmental Scientist III
Inspector ID Number: 46

Date Tuesday, September 20, 2005

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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Inspection Continuation Sheet

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REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

The Permittee anticipates submitting a Phase I bond release application for the 9th East portals of the Deer Creek Mine in the near future. This reclaimed area is up Canyon of the Wilberg Mine fan location; three post-SMCRA portals were backfilled. A pre-SMCRA portal also existed outside of the disturbed area. This has also been reclaimed.

2. Signs and Markers

The Permittee has installed new delineators about the five vegetation reference areas associated with the Cottonwood/Wilberg Mine. The markers are red in color, with yellow reflective tape marked "reference area", and are constructed of fiberglass.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The Permittee's qualified representatives inspected the three impoundments associated with the Cottonwood/Wilberg Mine for the second quarter of 2005 on June 30th. There were no signs of instability or other hazards noted, for the waste rock pond, or the North or South ponds. The Annual Impoundment certification for the ponds was completed by Mr. John Christensen, P.E., on July 22, 2005. All ponds have sediment storage capacity remaining. There is an eight to ten inch gulley below the twelve-inch CMP located on the SW corner of the South pond. The Permittee intends to hand- place rock in this gully to minimize further erosion in this diversion. The pond at the waste rock site was dry.

4.c Hydrologic Balance: Other Sediment Control Measures

There are several rock gabions along the County road in Cottonwood Canyon which are in need of cleaning. Mr. Davis is aware that these are high maintenance items, as they had been cleaned by the Permittee's contractor prior to the onset of the August events.

4.d Hydrologic Balance: Water Monitoring

The water fall was flowing this day.

7. Coal Mine Waste, Refuse Piles, Impoundments

Messrs. John Christensen, P.E. and Rick Cullum, registered land surveyor, performed the second quarter 2005 waste rock pile inspections for the active site as well as the reclaimed waste rock site on June 30, 2005. The reclaimed site is at capacity and has been resoiled and revegetated. The active site is idle, with the exception of the final disposal of sediment pond cleanout material from the Trail Mountain, Cottonwood/Wilberg, and Des-Bee-Dove ponds. There were no signs of instability or other hazardous conditions reported by the Permittee's qualified persons. There were no compliance infractions noted today. The Permittee has graded the road on the east side of the active waste rock site such that it drains toward its inside edge (i.e., toe of the bank). The silt fence located on the southern end has been cleaned out, and the material has been replaced.

10. Slides and Other Damage

See comment under section 16a, Roadways / Maintenance / Surfacing.

13. Revegetation

The revegetation of the reclaimed waste rock site is flourishing. 2005 has been a good year for the reestablishment of vegetation in reclaimed areas. As noted above, the Permittee intends to apply for a Phase I bond release for the Deer Creek Mine 9th East Portals. The revegetation of that area appears to be better than average, and this individual feels that the Permittee should apply for Phase III. A phased bond release application for the Cottonwood Fan Portal reclamation will also be submitted.

16.a Roads: Construction, Maintenance, Surfacing

The elevated roadway east of the coal truck loading bin is failing, (main facilities area). The galvanized, corrugated support structure has deteriorated to the point that piping water has washed the backfilled material through several holes. This, in turn, is causing the roadway surface to creep; the asphalt has significant cracks, which in turn allow surface runoff to wet and erode the roadbase, reducing its strength. Of the nine panels which are failing, five are severe. The failures are due to the rotting through of the galvanized steel.

16.b Roads: Drainage Controls

The ditch on the east side of the elevated roadway east of the bin wall needs to have the rock debris removed from it to return it to design capacity. This is a high maintenance ditch, due to its close proximity to a cut bank.

18. Support Facilities, Utility Installations

All electrical power at the site has been deenergized.

22. Other

All guarding barring access at the portals remains intact.